

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
 Data File : BE091145.D
 Acq On : 12 Nov 2015 15:13
 Operator : UM/NP
 Sample : G4322-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HT0

Manual Integrations
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 11/16/2015 12:42:37 PM

Quant Time: Nov 13 17:13:15 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3343	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	18996	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11430	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	27380m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.28	240	37444	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	40082	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	2.93	96	9010	3.75	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	2931	0.11	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	6274	0.08	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Phenanthrene	16.16	178	81127	0.26	ng/ul	98
15) Anthracene	16.25	178	15330m	0.05	ng/ul	
17) Fluoranthene	18.15	202	203061	0.55	ng/ul	89
19) Pyrene	18.53	202	172774	0.41	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	19178m	0.20	ng/ul	
21) Chrysene	20.32	228	27205	0.25	ng/ul	98
23) Benzo(b)fluoranthene	21.62	252	23464	0.19	ng/ul	98
24) Benzo(k)fluoranthene	21.65	252	23169m	0.18	ng/ul	
25) Benzo(a)pyrene	22.09	252	21197	0.18	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	23.83	276	61978m	0.13	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	3749	0.03	ng/ul#	65
28) Benzo(g,h,i)perylene	24.40	276	53095	0.10	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

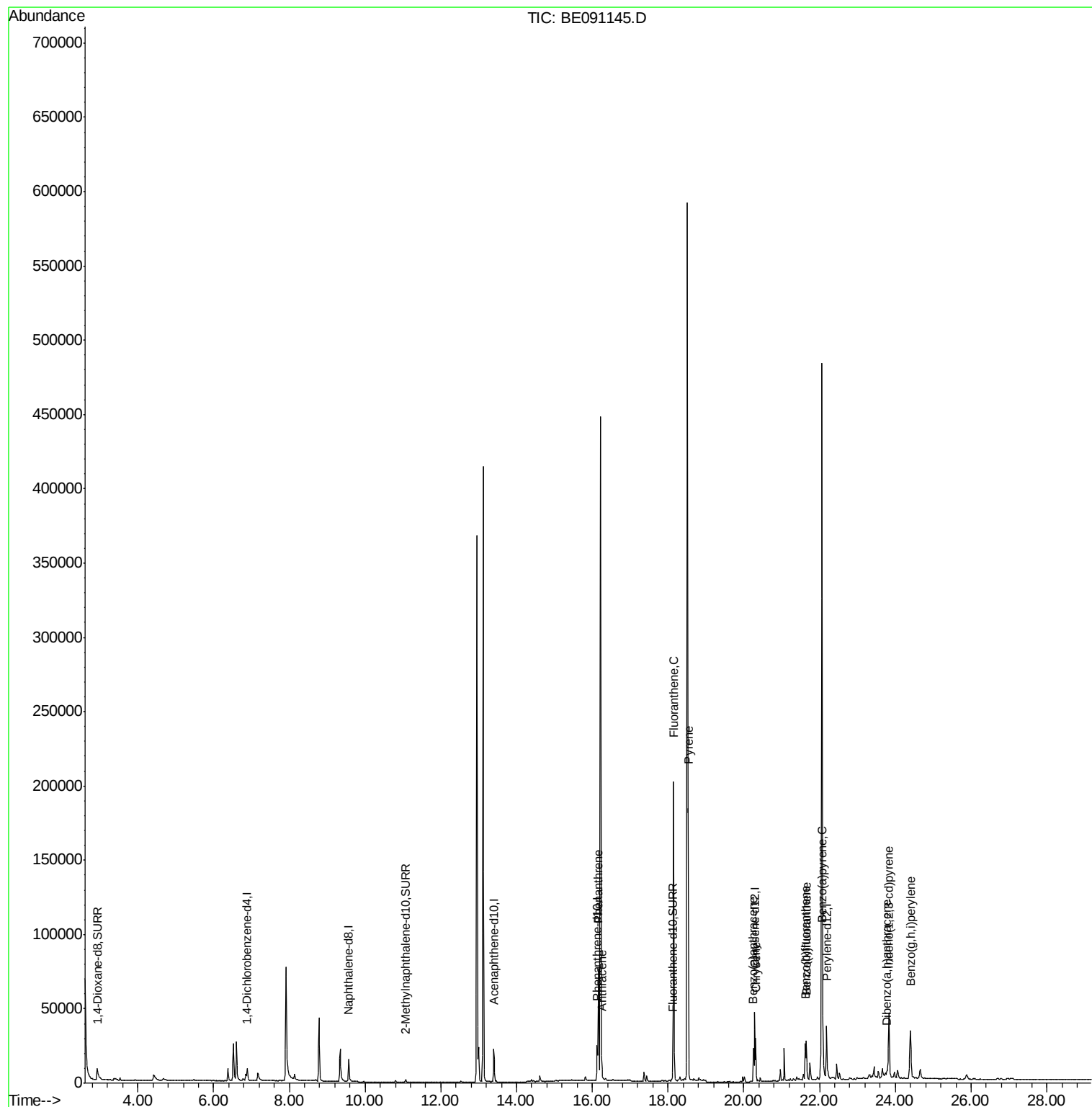
Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
Data File : BE091145.D
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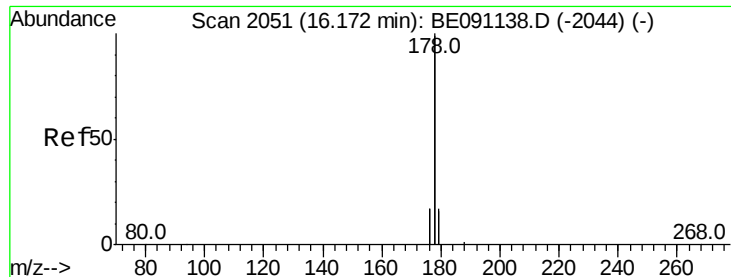
Instrument :
BNA_E
ClientSampleId :
A4HT0

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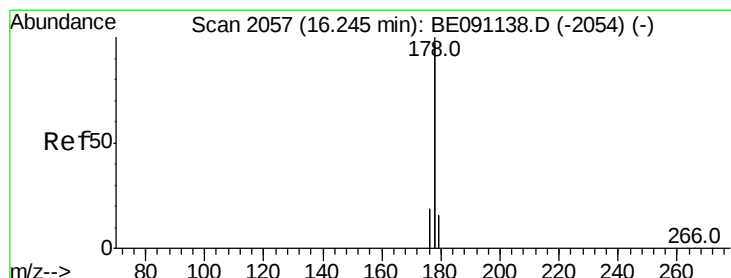
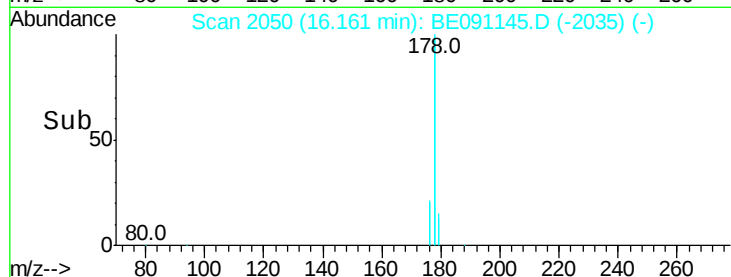
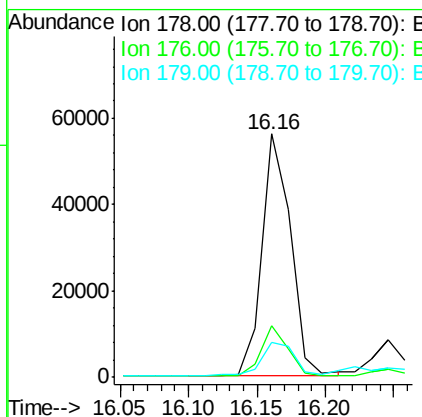
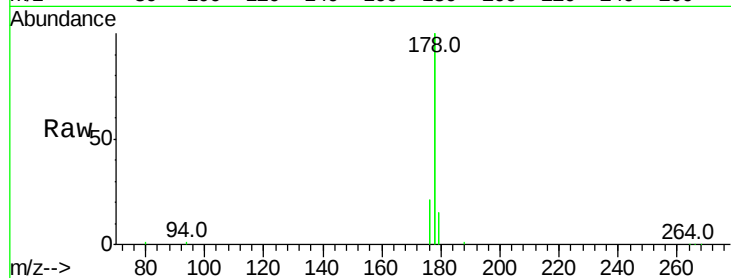
#14
Phenanthrene
Concen: 0.26 ng/ul
RT: 16.16 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BE091145.D
Acq: 12 Nov 2015 15:13

Instrument :
BNA_E
ClientSampleId :
A4HT0

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.2	24.4
179	14.6	12.8	19.2

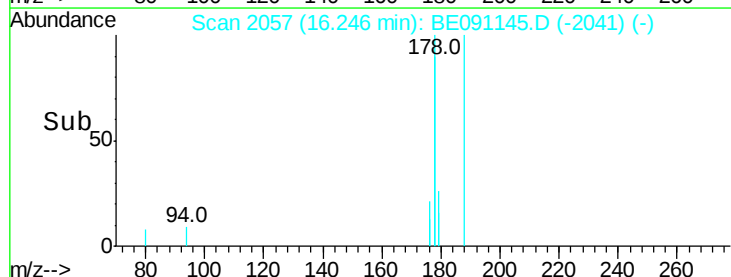
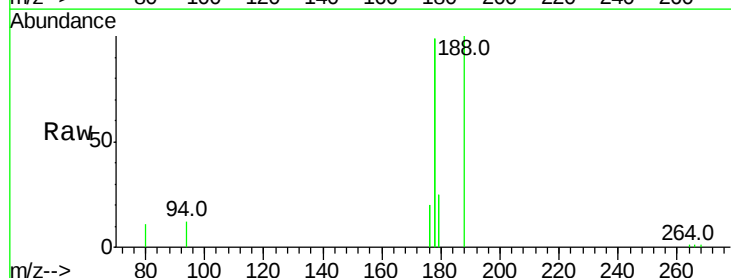
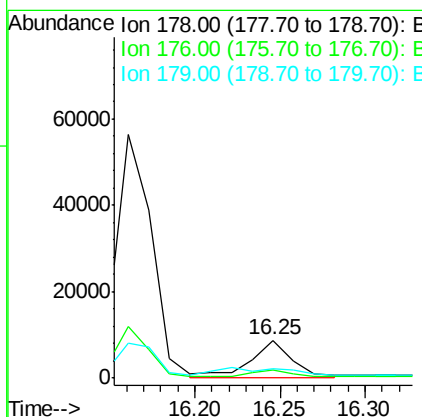
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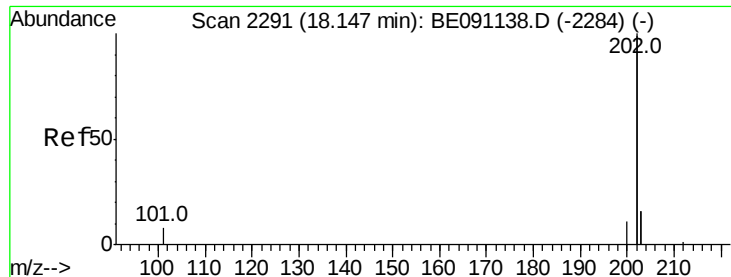
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#15
Anthracene
Concen: 0.05 ng/ul m
RT: 16.25 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BE091145.D
Acq: 12 Nov 2015 15:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	25.5	13.3	19.9#





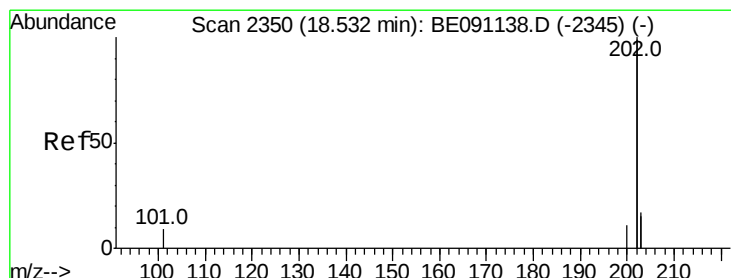
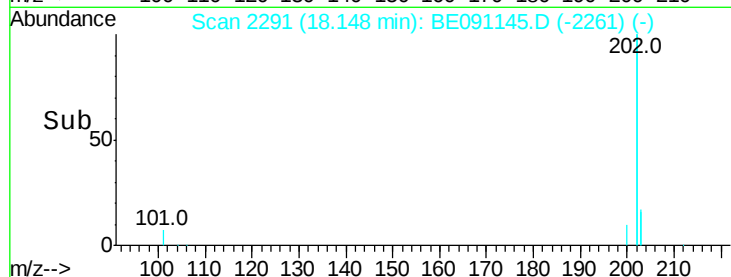
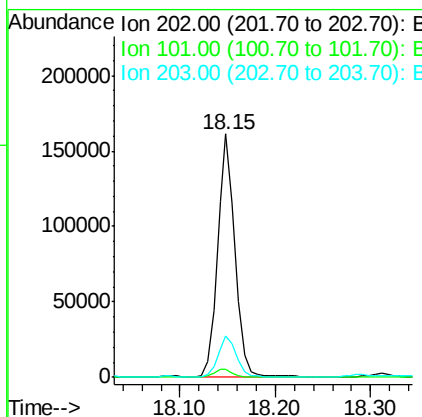
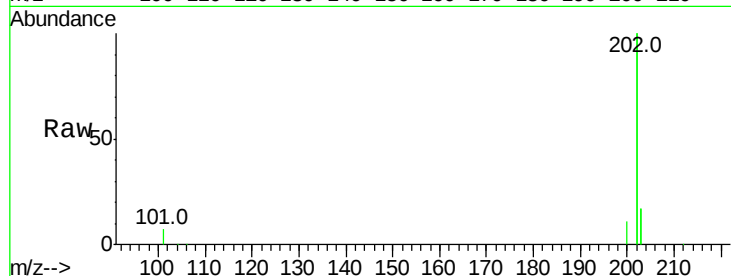
#17
Fluoranthene
Concen: 0.55 ng/ul
RT: 18.15 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BE091145.D
Acq: 12 Nov 2015 15:13

Instrument :
BNA_E
ClientSampleId :
A4HT0

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	3.4	0.0	33.1
203	16.9	0.0	37.2

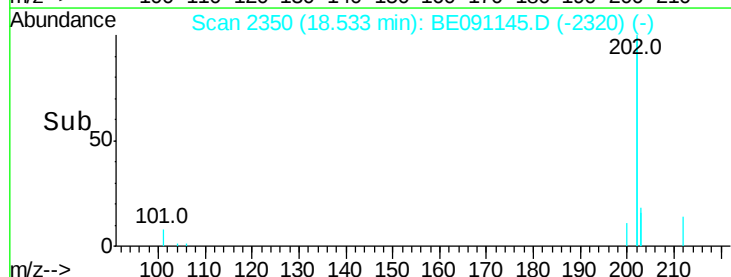
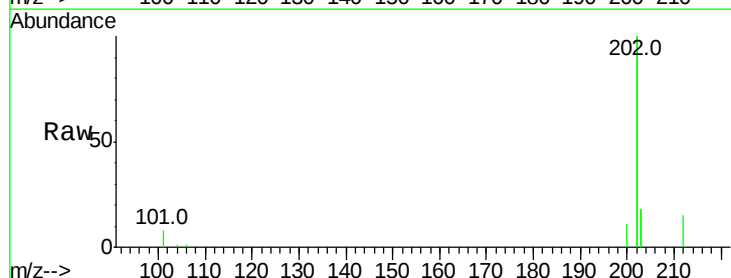
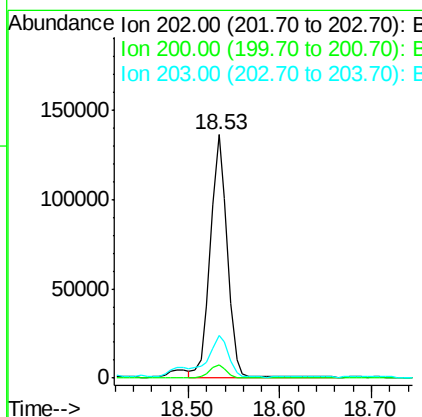
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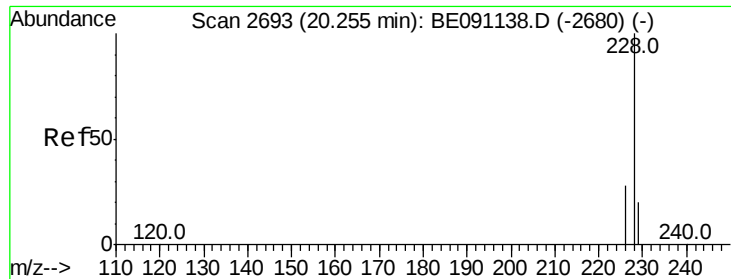
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#19
Pyrene
Concen: 0.41 ng/ul
RT: 18.53 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BE091145.D
Acq: 12 Nov 2015 15:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	5.4	18.0	27.0#
203	17.6	13.8	20.6





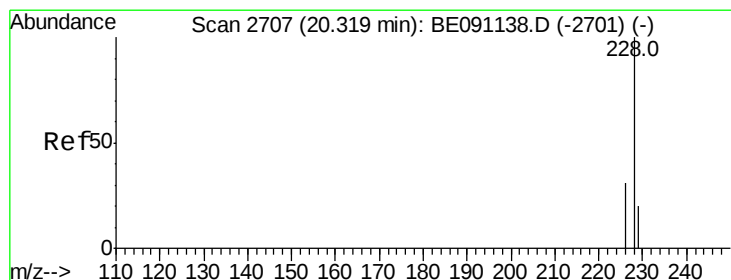
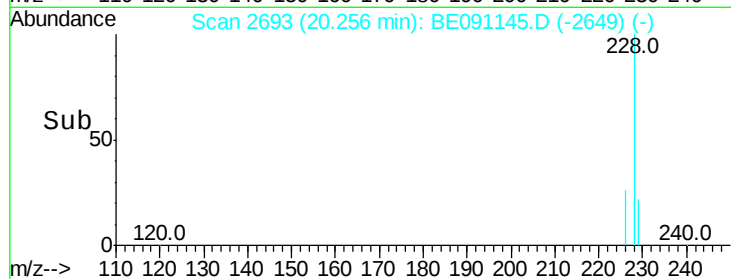
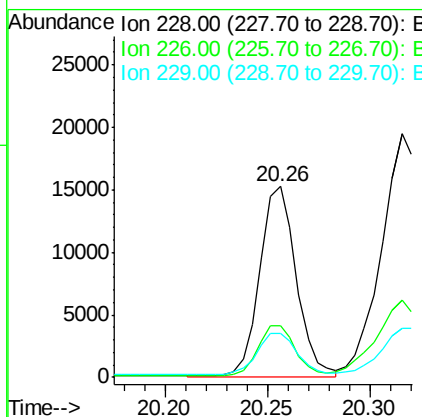
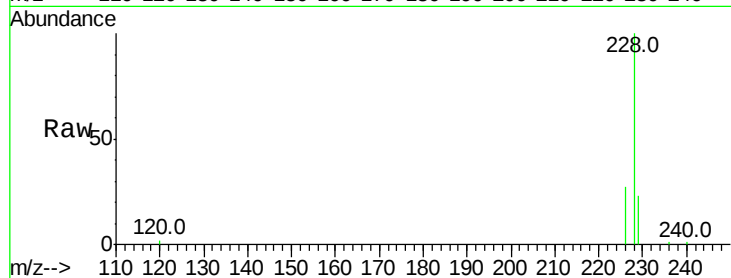
#20
Benzo(a)anthracene
Concen: 0.20 ng/ul m
RT: 20.26 min Scan# 2693
Delta R.T. 0.00 min
Lab File: BE091145.D
Acq: 12 Nov 2015 15:13

Instrument :
BNA_E
ClientSampleId :
A4HT0

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	23.0	34.4
229	23.0	15.2	22.8

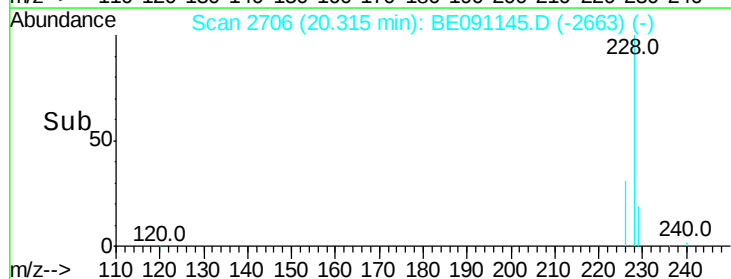
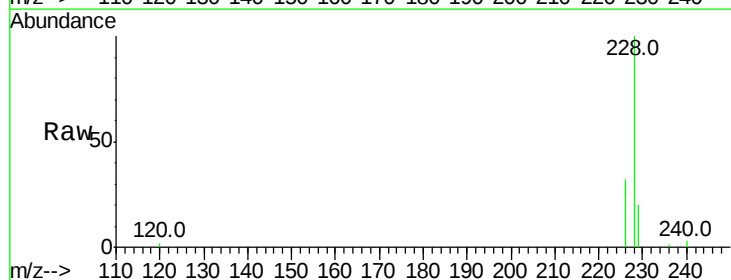
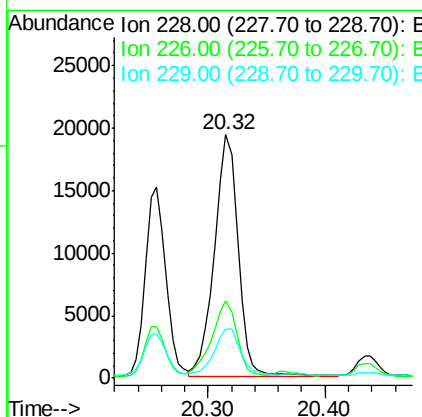
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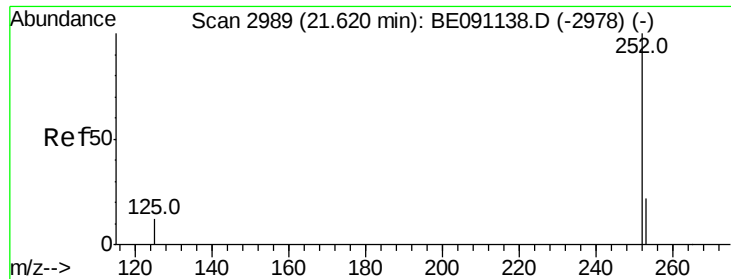
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#21
Chrysene
Concen: 0.25 ng/ul
RT: 20.32 min Scan# 2706
Delta R.T. -0.00 min
Lab File: BE091145.D
Acq: 12 Nov 2015 15:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	20.3	15.2	22.8





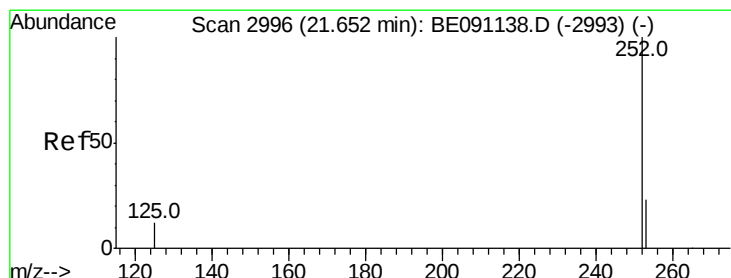
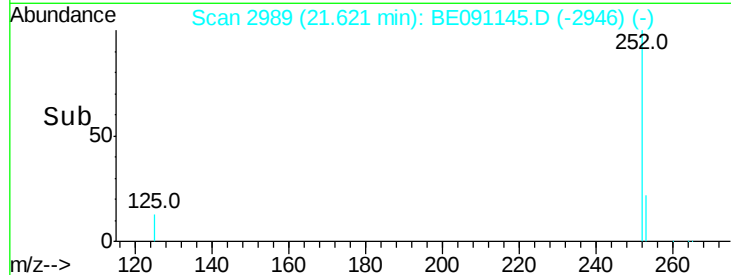
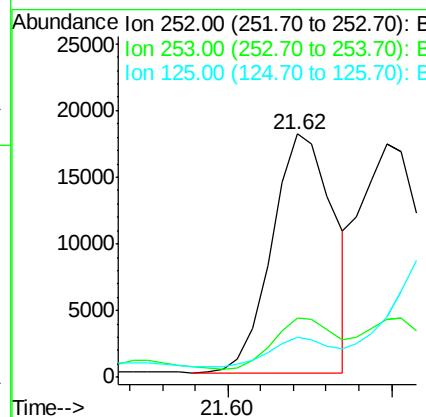
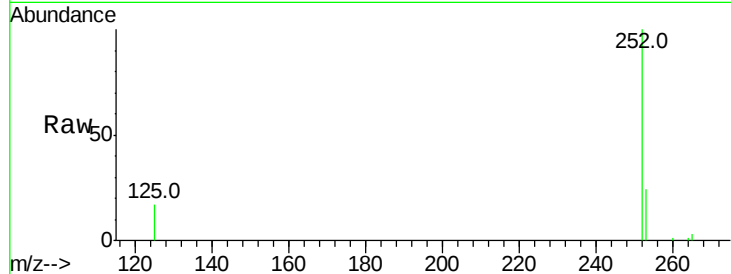
#23
Benzo(b)fluoranthene
Concen: 0.19 ng/ul
RT: 21.62 min Scan# 2989
Delta R.T. -0.00 min
Lab File: BE091145.D
Acq: 12 Nov 2015 15:13

Instrument :
BNA_E
ClientSampleId :
A4HT0

Tot Ion	Ratio	Resp	Lower	Upper
252	100	23464		
253	24.2	0.0	48.0	
125	16.5	0.0	36.6	

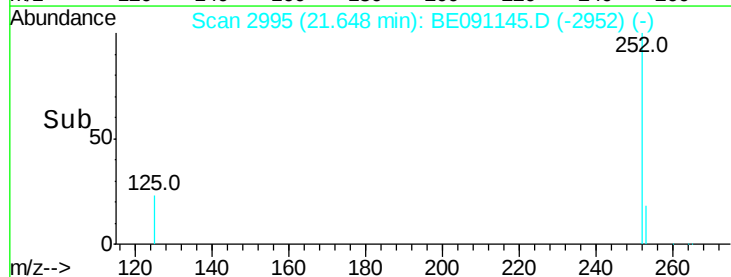
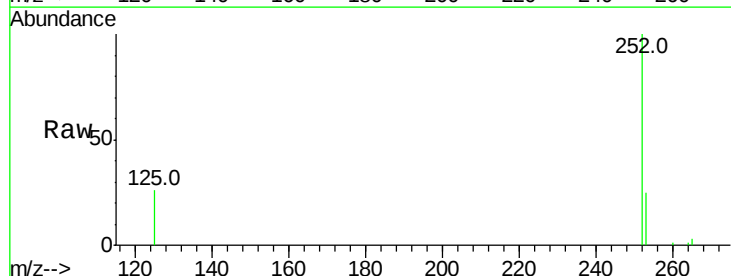
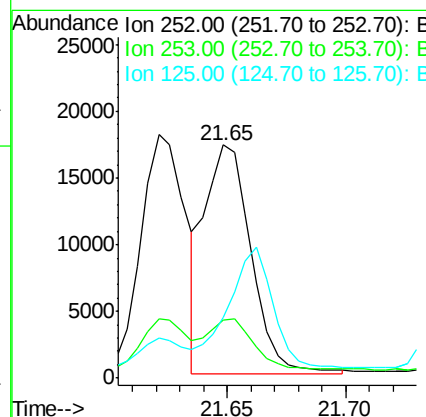
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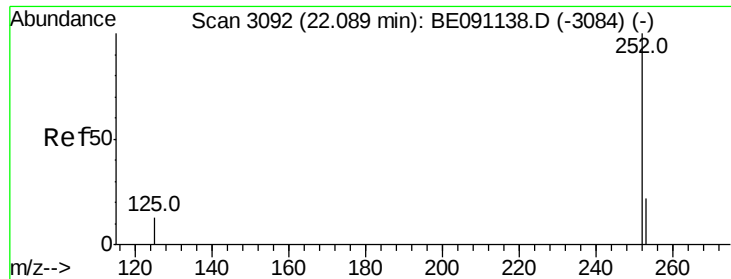
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#24
Benzo(k)fluoranthene
Concen: 0.18 ng/ul m
RT: 21.65 min Scan# 2995
Delta R.T. -0.00 min
Lab File: BE091145.D
Acq: 12 Nov 2015 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	23169		
253	24.7	20.8	31.2	
125	26.1	12.2	18.4#	





#25

Benzo(a)pyrene

Concen: 0.18 ng/ul

RT: 22.09 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BE091145.D

Acq: 12 Nov 2015 15:13

Instrument :

BNA_E

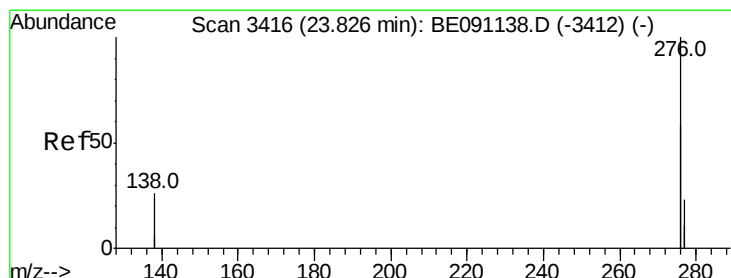
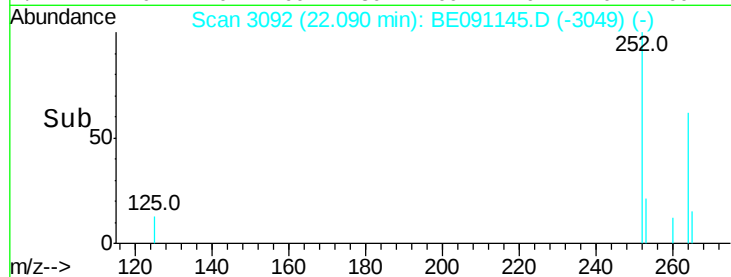
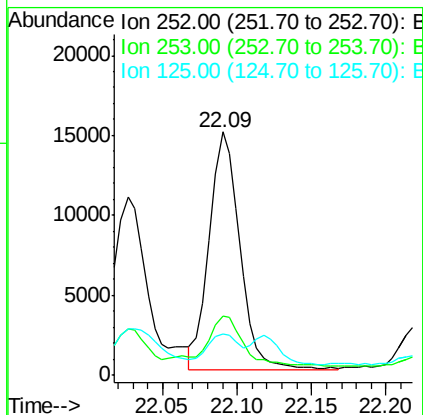
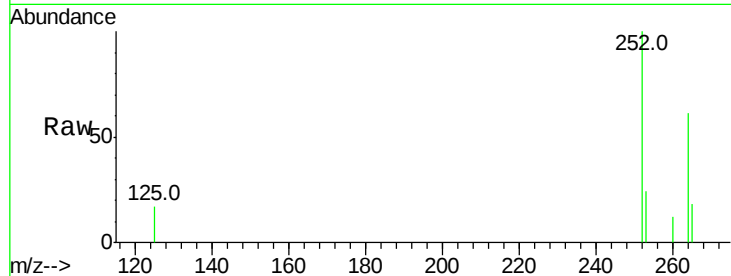
ClientSampleId :

A4HT0

Tot Ion:	252	Resp:	21197
Ion Ratio	Lower	Upper	
252	100		
253	24.1	21.8	32.8
125	17.2	14.5	21.7

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.13 ng/ul m

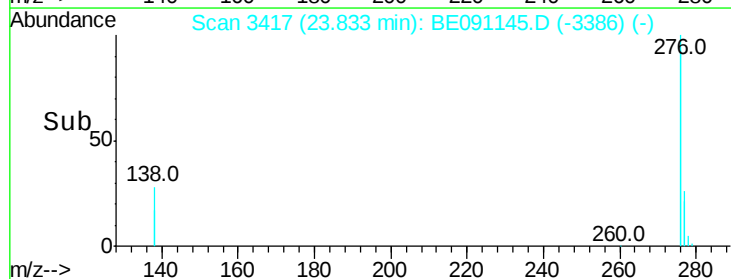
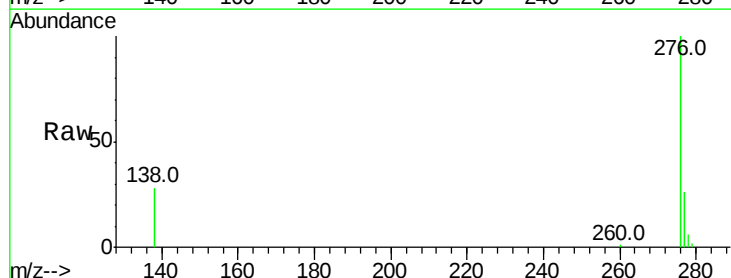
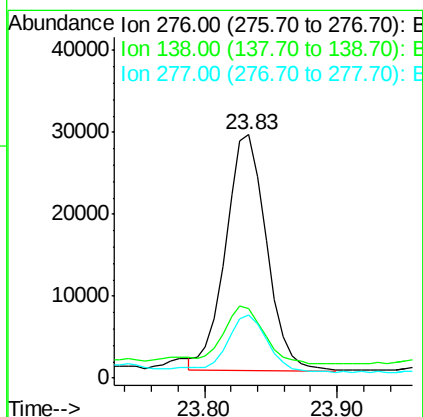
RT: 23.83 min Scan# 3417

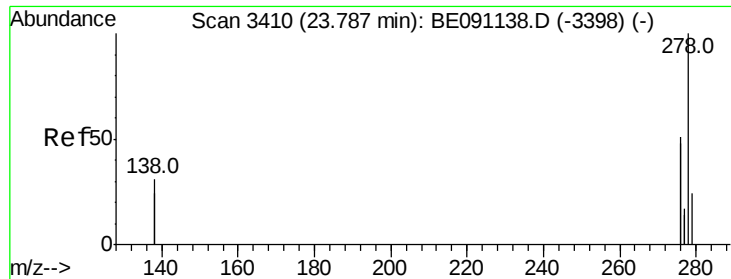
Delta R.T. -0.00 min

Lab File: BE091145.D

Acq: 12 Nov 2015 15:13

Tgt Ion:	276	Resp:	61978
Ion Ratio	Lower	Upper	
276	100		
138	24.2	27.5	41.3#
277	24.6	19.3	28.9





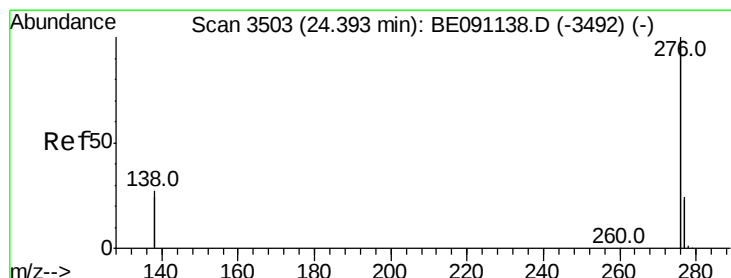
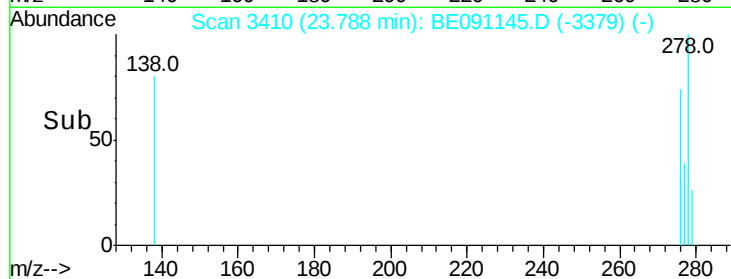
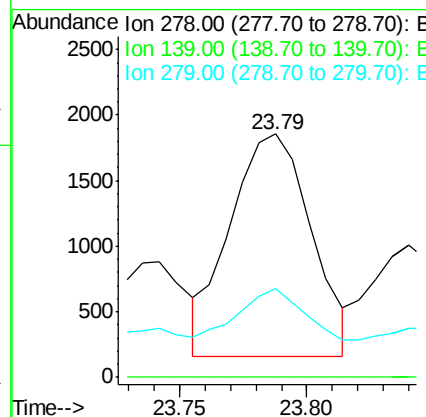
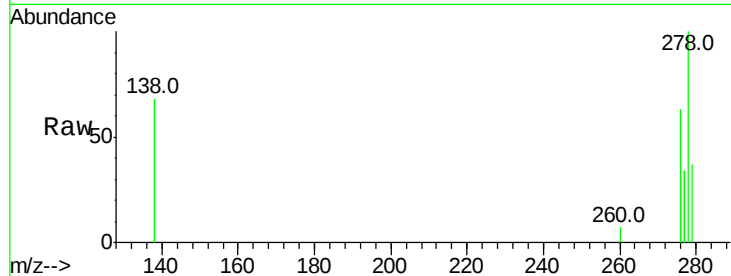
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Dibenzo(a,h)anthracene
Concen: 0.03 ng/ul
RT: 23.79 min Scan# 3410
Delta R.T. -0.00 min
Lab File: BE091145.D
Acq: 12 Nov 2015 15:13

Instrument :
BNA_E
ClientSampleId :
A4HT0

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	36.6	21.9	32.9#

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#28
Benzo(g,h,i)perylene
Concen: 0.10 ng/ul
RT: 24.40 min Scan# 3504
Delta R.T. 0.01 min
Lab File: BE091145.D
Acq: 12 Nov 2015 15:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.0	21.3	31.9
138	32.6	25.5	38.3

